

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
207.1300USSERIAL NO.
10/057,301

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT: Mark CHASIN, et al.

FILING DATE:
January 25, 2002

GROUP: 1617

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>Z</i>	AA	3	9	4	3	0	6	3	3/9/76	Morishita, et al.	252	316	
<i>Z</i>	AB	4	0	8	9	8	0	0	5/16/78	Temple	252	316	
<i>Z</i>	AC	4	2	9	3	5	3	9	10/6/81	Ludwig, et al.	424	19	
<i>Z</i>	AD	4	3	8	4	9	7	5	5/24/83	Fong	427	213.36	
<i>Z</i>	AE	4	3	8	9	3	3	0	6/21/83	Tice, et al.	427	213.36	
<i>Z</i>	AF	4	6	2	2	2	1	9	11/11/86	Haynes	424	38	
<i>Z</i>	AG	4	6	5	2	4	4	1	3/24/87	Okada, et al.	424	19	
<i>Z</i>	AH	4	7	2	5	4	4	2	2/16/88	Haynes	424	490	
<i>Z</i>	AI	4	7	5	7	1	2	8	7/12/88	Domb, et al.	528	271	
<i>Z</i>	AJ	5	4	0	7	6	0	9	4/18/95	Tice, et al.	264	46	
<i>Z</i>	AK	5	6	1	8	5	6	3	4/8/97	Berde, et al.	424	501	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
													YES	NO
<i>Z</i>	AL	0	2	4	4	1	1	8	11/4/87	EPO A1	A61K	9/10		
<i>Z</i>	AM	9	2	0	7	5	5	5	5/14/92	PCT A1	A61K	9/22		
<i>Z</i>	AN	9	1	1	7	7	7	2	11/28/91	PCT	A61K	47/30		
<i>Z</i>	AO	0	1	9	5	9	0	6	02/06/86	EPA	A61K	31/71		
<i>Z</i>	AP	9	2	1	5	2	8	6	9/17/92	WO	A61K	9/22		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Z</i>	AQ	Berde, C.B., et al., "Sustained Release of Dibucaine from a Biodegradable Polymer Matrix: A Potential Method for Prolonged Neural Blockade", Abstracts of Scientific Papers, 1990 Annual Meeting, Amer. Soc. Anesthesiologists, 73:A776 (Sept. 1990)
<i>Z</i>	AR	Edelman, Elazer R., et al., "Optimization of release from magnetically controlled polymeric drug release devices", <u>Biomaterials</u> , 14(8):621-626 (1993)
<i>Z</i>	AS	Masters, et al., Abstract No. 94.3, "Prolonged Sciatic Nerve Blockade Using Sustained Release of Veratridine From a Biodegradable Polymer Matrix", Soc. Neurosci. Abstr., 18:200 (1992)
<i>Z</i>	AT	Fong, Jones W., et al., "Evaluation of biodegradable microspheres prepared by a solvent evaporation process using sodium oleate as emulsifier", Journal of Controlled Release, 3:119-130 (1986)

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7	BA	5	2	2	7	1	6	5	07/13/93	Domb, et al.	424	450	
	BB	3	1	8	5	6	2	5	05/25/65	Brown	167	82	
	BC	3	7	5	5	5	5	8	08/28/73	Scribner	424	47	
	BD	3	9	7	2	9	9	5	08/03/76	Tsuk, et al.	424	28	
	BE	4	0	3	4	7	5	8	07/12/77	Theeuwes	128	260	
	BF	4	0	9	3	7	0	9	06/06/78	Choi, et al.	424	19	
	BG	4	1	3	1	6	4	8	12/26/78	Choi, et al.	424	22	
	BH	4	1	3	8	3	4	4	02/06/79	Choi, et al.	252	1	
	BI	4	2	2	6	8	4	8	10/07/80	Nagai, et al.	424	19	
	BJ	4	2	5	0	1	6	3	02/10/81	Nagai, et al.	424	14	
7	BK	4	3	6	9	1	7	2	01/18/83	Schor, et al.	424	19	

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													YES	NO
7	BL	2	9	3	0	2	4	8	02/12/81	Germany	B01J	13/02	x	
	BM	1	1	4	3	2	8	9	3/22/83	Canada	A61K	9/50		
	BN	0	4	3	0	4	7	4	6/5/91	EP (A1)	A61K	9/70		
	BO	WO	93	2	0	1	3	8	10/14/93	PCT (A2)	C08L			
7	BP	WO	94	0	5	2	6	5	3/17/94	PCT (A1)	A61K	9/20		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	BQ	Fong JW "Microencapsulation by Solvent Evaporation and Organic Phase Separation Processes," pp. 81-108, chapter 5 from Controlled Release Systems: Fabrication Technology, Ed. Dean Hsieh, Ph.D., Vol. 1 no date
7	BR	Masters, David B., et al., "Prolonged Regional Nerve Blockade by Controlled Release of Local Anesthesia from a Biodegradable Polymer Matrix", Anesthesiology, 79:340-346 (1993)
7	BS	Miyazaki, S., et al., "External control of drug release: controlled release of insulin from a hydrophilic polymer implant by ultrasound irradiation in diabetic rats", J. Pharm. Pharmacol., 40:716-717 (1988)
7	BT	Sato, T., et al., "Porous Biodegradable Microspheres for Controlled Drug Delivery. I. Assessment of Processing Conditions and Solvent Removal Techniques", Pharmaceutical Research, 5:21-30 (1988)

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7	CA	4	4	3	4	1	5	3	02/28/84	Urquhart, et al.	424	22	
	CB	4	5	3	0	8	4	0	07/23/85	Tice, et al.	514	179	
	CC	4	5	4	2	0	2	5	09/17/85	Tice, et al.	424	78	
	CD	4	6	2	2	2	4	4	11/11/86	Lapka, et al.	427	213.32	
	CE	4	6	5	0	6	6	5	03/17/87	Kronenthal, et al.	424	435	
	CF	4	4	0	4	1	8	3	09/13/83	Kawata, et al.	424	19	
	CG	4	7	1	3	2	4	4	12/15/87	Bawa, et al.	424	429	
	CH	4	7	3	5	9	4	5	04/05/88	Sakamoto, et al.	514	279	
	CI	5	0	7	5	1	0	9	12/24/91	Tice, et al.	424	88	
	CJ	3	3	3	7	4	0	0	08/22/67	Smith	167	52	
7	CK	3	5	0	7	9	5	2	04/21/70	Rednick, et al.	424	22	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
													YES	NO
7	CL	WO	96	4	1	6	1	6	12/27/96	PCT (A1)	A61K	9/14		
	CM	2	0	3	4	1	8	2	6/4/80	UK (A)	A61K	9/00		
	CN	WO	92	1	5	2	8	6	9/17/92	PCT (A1)	A61K	9/22		
	CO	0	7	9	7	9	8	8	10/01/97	EPA A2	A61K	9/16		
7	CP	2	5	9	2	7	9	1	07/17/87	FR				X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)


7	CQ	Schneider, Markus, M.D., et al., "A Preferential Inhibition of Impulses in C-fibers of the Rabbit Vagus Nerve by Veratridine, an Activator of Sodium Channels", <i>Anesthesiology</i> , 74:270-280 (1991)
	CR	Tice, Thomas R., et al., "Preparation of Injectable Controlled-Release Microcapsules by a Solvent-Evaporation Process", <i>Journal of Controlled Release</i> , 2:343-352 (1985)
7	CS	Wakiyama, Naoki, et al., "Preparation and Evaluation in Vitro and in Vivo of Polylactic Acid Microspheres containing Dibucaine", <i>Chem. Pharm. Bull.</i> , 30:3719-3727 (1982)

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6/20/08

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U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
7		3 5 3 5 4 1 9	10/20/70	Siegrist, et al.	424	22			

FOREIGN PATENT DOCUMENTS									
DA	DB	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
		9 5 1 3 7 9 9	05/26/95	PCT (A1)	A61K	9/50	YES	NO	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
7	DC	Duncan, et al., "Treatment of Upper Extremity Reflex Sympathetic Dystrophy with Joint Stiffness Using Sympatholytic Bier Blocks and Manipulation" <u>Orthopedics</u> 11(6), pp. 883-886, (1988)
1	DD	Flanagan, et al., "Intra-articular injection for pain relief in patients awaiting hip replacement", <u>Ann. Royal Coll. Surg. Eng.</u> , Vol. 70, pp 156-157 (1988)
	DE	Glasser, et al., "The perioperative use of corticosteroids and bupivacaine in the management of lumbar disc disease", <u>J. Neurosurg.</u> , Vol. 78, pp. 383-387, (1993)
	DF	Guttu, et al., "Delayed Healing of Muscle After Injection of Bupivacaine and Steroid", <u>Annals of Dentistry</u> , 49:5-8, (1990)
	DG	Hall, et al., "Acute effects of intravenous glucocorticoid on cat spinal motor neuron electrical properties", <u>Brain Research</u> , Vol. 240, pp. 186-190, (1982)
	DH	Sandrock and Warfield, "Epidural Steroids and Facet Injections", Ch. 29 <u>Principles and Practice of Pain Management</u> , Warfield, C.A., editor (McGraw-Hill, Inc. 1993)
	DI	Waldman, et al., "The Relief of Body Wall Pain Secondary to Malignant Hepatic Metastases by Intercostal Nerve Block with Bupivacaine and Methylprednisolone", <u>J. Pain Symptom Management</u> , 3(1), 39-43 (1988), (see in particular page 42, column 2)
	DJ	Bonica, John J. and F. Peter Buckley, "Regional Analgesia with Local Anesthetics", <u>The Management of Pain II</u> ; pp. 1883-1966, (1990), Lea & Febiger (Eds.) Second Edition
	DK	Lewis, D.H., et al., "The Use of In Vitro Release Methods to Guide the Development of Controlled-Release Formulations", 9th International Symposium on Controlled Release of Bioactive Materials, Sponsored by Controlled Release Society, Inc., pp. 61-64.
	DL	Masters, D.B., et al., "Meeting for the American Society of Anesthesiologists, Vol. 75:A680, (1991)
	DM	Devor, et al., 1983, "Axoplasmic Transport Block Reduces Ectopic Impulse Generation in Injured Peripheral Nerves", pp. 73-85
↓	DN	Schnebel, et al., "The Use of Oral Colchicine for Low-Back Pain", 1987, pp. 354-357
7	DO	March, et al., "Biodegradable Microspheres Containing a Colchicine Analogue Inhibit DNA Synthesis in Vascular Smooth Muscle Cells", 1994, pp. 1929-1933
	DP	CA 125:104914, Joanne Curley, et al., "Prolonged regional nerve blockade: injectable biodegradable bupivacaine/polyester microspheres" <u>no date</u>
7	DQ	L.S. Goodman, et al., "The Pharmacological Basis of Therapeutics", Fourth Edition, 1970, The MacMillan Co., page 372

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7	EA	3	7	3	6	6	4	6	06/05/73	Schmitt, et al.	29	458		
7	EB	3	7	7	3	9	1	9	11/20/73	Boswell, et al.	424	19		
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
													YES	NO
7	EC	W	99	0	1	1	1	4	01/14/99	PCT (A1)	A61K	9/50		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)														
7	ED	Vol. IA "Drug Information for the Health Care Professional", USP DI, 1989, Ninth Edition, Anesthetics (Mucosal-Local), pp. 183-84; 196-97; 201-03.												
	EE	Setterstrom, Tice, Lewis and Meyers, "Controlled Release of Antibiotics from Biodegradable Microcapsules for Wound Infection Control", U.S. Army Institute of Dental Research, (1982), 12 pages.												
	EF	Abstract: Archer DR, et al. "Changes in slow axonal transport of tubulin induced by local application of colchicine to rabbit vagus nerve", Acta Physiol Scand 1994 Jan. 150(1):57-65												
	EG	Abstract: Le Corre, et al., "Spinal controlled delivery of bupivacaine from DL-lactic acid oligomer microspheres", J. Pharm Sci 1995 Jan. 84(1) 75-78												
	EH	Abstract: Gradus-Pizlo, et al., "Local delivery of biodegradable microparticles containing colchicine or a...", J. Am. Coll. Cardiol. 1995 Nov. 26(6) 1549-57												
	EI	Abstract: Penickova V., et al., "Vinblastin iontophoresis in treating intractable pain", Acta Univ Palacki Olomuc Fac Med 1990 128:37-47.												
	EJ	Abstract: Kantner, et al., "Regulatory mechanisms for substance P in the dorsal horn during a nociceptive stimulus: axoplasmic transport vs. electrical activity", Brain Res., Oct. 22, 1986 385(2):282-90.												
	EK	Algire, Glenn H., et al., "Vascular Reactions of Normal and Malignant Tissues <i>In Vivo</i> . VI. The Role of Hypotension in the Action of Components of Podophyllin on Transplanted Sarcomas", Journal of the American Cancer Institute, Vol. 14, No. 4, February 1954, pages 879-893.												
7	EL	Abstract: Yamamoto, et al., "Effects of colchicine applied to the colchicine applied....constriction", Pain, Nov. 1993, 55(2):227-33.												
	EM	Jaffe, Howard, "Microencapsulation Process", copy of government-owned invention description, serial no: 943,940, filed 8/17/78, U.S. Department of Agriculture, Hyattsville, MD, 11 pages												
7	EN	Baguley, Bruce C., et al., "Inhibition of Growth of Colon 38 Adenocarcinoma by Vinblastine and Colchicine: Evidence for a Vascular Mechanism", Eur. J. Cancer, Vol. 27, No. 4, pages 482-487 (1991)												
7	EO	Jean-Marc Malinovsky, et al., "Motor and Blood pressure effects of epidural sustained-release bupivacaine from polymer microspheres: A dose-response study in rabbits," Anesth. Analg. 1995, 81:519-524.												
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7	FA	3	8	4	4	2	8	5	10/29/74	Laby	128	260	
	FB	3	9	7	2	9	9	9	08/03/76	Tsuk	424	78	
	FC	3	9	7	6	0	7	1	08/24/76	Sadek	128	260	
	FD	3	9	9	1	7	6	6	11/16/76	Schmitt et al.	128	335.5	
	FE	4	0	1	1	3	1	2	03/08/77	Reuter, et al.	424	78	
	FF	4	0	7	6	7	9	8	02/28/78	Casey, et al.	424	22	
	FG	4	1	1	8	4	7	0	10/03/78	Casey, et al.	424	19	
	FH	4	1	4	4	3	1	7	03/13/79	Higuchi, et al.	424	21	
	FI	4	1	6	6	1	0	7	08/28/79	Miller, et al.	424	19	
	FJ	4	1	6	6	8	0	0	09/04/79	Fong	252	316	
	FK	4	4	7	9	9	1	1	10/30/84	Fong	264	4.6	
	FL	4	5	8	5	6	5	1	04/29/86	Beck, et al.	424	88	
	FM	4	7	5	6	9	0	7	07/12/88	Beck, et al.	424	85	
	FN	4	7	5	7	1	2	8	07/12/88	Domb, et al.	528	271	
7	FO	4	8	9	1	2	2	5	01/02/90	Langer, et al.	424	428	

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													YES	NO
7	FP	WO	98	5	1	2	9	0	11/19/98	PCT (A2)	A61K	31/00		

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	FQ	XP-002144657 Li, J and Yen, S., "Analgesic dilator for use in cervical and uterine operations", (Abstract of CN1091041). <i>no date</i>											
7	FR	Lim, J.-O., et al., "Prolonged Sciatic nerve blockade II: Local Anesthetic-Polymer Microsphere", Abstract Supplement, Abstracts of Scientific Papers 1995 Annual Meeting of American Society of Anesthesiologists, J. Amer. Soc. Anesth. Vol. 83, No. 3A, A810 (1995).											
7	FS	Jain, et al., "Controlled release of drugs from injectable in situ formed biodegradable PLGA microspheres: effect of various formulation variables," Eur. J. Pharm. Biopharm., Vol. 50(2): 257-262 (2000).											
	FT												
	FU												

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<i>F</i>	GA	4	8	0	1	7	3	9	01/31/89	Franz, et al.	560	185	
	GB	5	0	0	7	7	9	0	04/16/91	Shell	424	451	
	GC	5	1	0	0	6	6	9	03/31/92	Hyon, et al.	424	426	
	GD	5	1	4	3	6	6	1	09/01/92	Lawter, et al.	264	4.3	
	GE	5	2	6	4	2	0	7	11/23/93	Bommelaer, et al	424	69	
	GF	5	2	7	2	1	3	9	12/21/93	Cary, Jr.	514	171	
	GG	5	3	3	0	4	5	2	07/19/94	Zook	604	307	
	GH	5	4	9	2	9	0	1	02/20/96	Fabunan	514	171	
	GI	5	5	4	0	9	1	2	07/30/96	Roorda, et al.	424	422	
	GJ	5	5	4	3	1	5	6	08/06/96	Roorda, et al.	424	484	
	GK	5	6	5	0	1	7	3	07/22/97	Ramstack, et al.	424	489	
	GL	4	5	5	7	9	2	5	12/10/85	Lindahl, et al.	424	19	
	GM	5	6	5	4	0	0	8	08/05/97	Herbert, et al.	424	489	
<i>F</i>	GN	5	7	4	7	0	6	0	05/05/98	Sackler, et al.	424	426	

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													YES	NO

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7	HA	2	1	7	4	7	9	6		10/3/39	Luzzi	32	34	2/5/37
	HB	2	8	3	5	6	2	8		5/20/58	Saffir	167	84	4/1/57
	HC	3	8	8	7	6	9	9		6/3/75	Yolles	424	19	12/29/70
	HD	4	0	0	1	3	8	8		1/4/77	Shell	424	14	7/2/75
	HE	4	0	3	9	6	5	3		8/2/77	DeFoney, et al.	424	19	7/21/75
	HF	4	0	7	0	3	4	7		1/24/78	Schmitt	260	77.5 D	8/16/76
	HG	4	1	6	4	5	6	0		8/14/79	Folkman, et al.	424	22	1/5/77
	HH	4	1	7	5	3	2	6		11/27/79	Goodson	433	80	10/26/77
	HI	4	2	7	6	8	8	0		7/7/81	Malmin	128	221	12/14/79
	HJ	4	3	2	1	0	3	8		3/23/82	Porteous	433	136	7/18/80
	HK	4	4	1	9	3	4	0		12/6/83	Yolles	424	19	11/20/80

FOREIGN PATENT DOCUMENTS

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														YES	NO
	HL														
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	HR	
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SERIAL NO.
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APPLICANT: Mark CHASIN, et al.

FILING DATE:
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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	IA	4	5	6	8	5	3	5	2/4/86	Loesche	424	19	7/16/84
	IB	4	5	6	8	5	3	6	2/4/86	Kronenthal, et al.	424	22	2/8/85
	IC	4	5	6	9	8	3	7	2/11/86	Suzuki, et al.	424	28	6/1/84
	ID	4	5	8	5	6	5	1	4/29/86	Beck, et al.	424	88	12/18/80
	IE	4	5	9	7	9	6	0	6/1/86	Cohen	424	28	6/3/83
	IF	4	6	2	3	5	8	8	11/18/86	Nuwayser, et al.	428	402.24	11/18/86
	IG	4	6	8	5	8	8	3	8/11/87	Jernberg	433	136	7/26/85
	IH	4	7	1	6	2	0	3	12/29/87	Casey, et al.	525	408	9/5/86
	II	4	7	5	6	9	0	7	7/12/88	Beck, et al.	424	85	1/24/86
	IJ	4	7	6	7	6	2	8	8/30/88	Hutchinson	424	426	6/29/87
	IK	4	7	8	0	3	2	0	10/25/88	Baker	424	493	4/29/86

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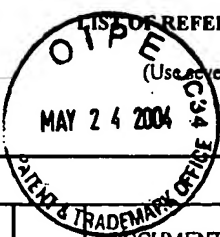
2	IR	Beck, Lee R., et al., "Poly(DL-Lactide-co-glycolide)/Norethisterone Microcapsules: an Injectable Biodegradable Contraceptive", Biology of Reproduction, Vol. 28, pages 186-195 (1983)
7	IS	Bissery, M.C., et al., "A Study of Process Parameters in the Making of Microspheres by the Solvent Evaporation Procedure", EXPO-Congr. Int. Technol. Pharm., 3rd, pages 233-239 (1983)
7	IT	Bodmeier, R., et al., "Solvent selection in the preparation of poly(DL-lactide) microspheres prepared by the solvent evaporation method", International Journal of Pharmaceutics, Vol. 43, pages 179-186, (1988)

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J	JA 4 7 8 9 7 2 6	12/6/88	Hutchinson	528	354	4/2/87
J	JB 4 8 6 1 6 2 7	8/29/89	Mathiowitz, et al.	427	213.31	5/1/87
	JC 4 8 7 4 6 1 2	10/17/89	Deasy	424	425	2/3/88
	JD 4 8 8 2 1 6 8	11/21/89	Casey, et al.	424	468	9/5/86
	JE 4 8 8 3 6 6 6	11/28/89	Sabel, et al.	424	422	4/29/87
	JF 4 8 8 8 1 7 6	12/19/89	Langer, et al.	424	426	6/12/87
	JG 4 8 9 1 2 2 5	1/2/90	Langer, et al.	424	428	1/21/86
	JH 4 8 9 2 7 3 6	1/9/90	Goodson	424	435	6/3/88
	JI 4 9 0 6 4 7 4	3/6/90	Langer, et al.	424	428	5/21/84
	JJ 4 9 1 9 9 3 9	4/24/90	Baker	424	493	7/8/88
J	JK 4 9 3 3 1 8 2	6/12/90	Higashi, et al.	424	425	9/29/89

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JL							
JM							
JN							
JO							
JP							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

J	JR	Bodmeier, R., et al., "Polylactic acid microspheres containing quinidine base and quinidine sulphate prepared by the solvent evaporation technique. II. Some process parameters influencing the preparation and properties of microspheres", <u>J. Microencapsulation</u> , Vol. 4, No. 4, pages 289-297 (1987)
J	JS	Hill, S.A., et al., "Vinea Alkaloids: Anti-vascular Effects in a Murine Tumour", <u>Euro. J. Cancer</u> , Vol. 29A, No. 9, pages 1320-1324 (1993)
J	JT	Jalil, R., et al., "Microencapsulation using poly(L-lactic acid) I: Microcapsule properties affected by the preparative technique", <u>J. Microencapsul.</u> , Vol. 6, No. 4, pages 473-484 (Oct-Dec) (1989)

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				FILING DATE: January 25, 2002		GROUP: 1617	
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7	KA	5 0 0 0 8 8 6	3/19/91	Lawter, et al.	264	4.3	5/26/87
	KB	5 0 0 4 6 0 2	4/2/91	Hutchinson	424	78	5/12/86
	KC	5 0 1 3 5 5 3	5/7/91	Southard, et al.	424	426	8/29/89
	KD	5 0 1 9 3 7 9	5/28/91	Domb, et al.	424	78	7/31/87
	KE	5 0 1 9 4 0 0	5/28/91	Gombotz, et al.	424	497	5/1/89
	KF	5 0 3 2 3 8 4	7/16/91	Yeh, et al.	424	49	1/27/89
	KG	5 0 8 4 2 6 7	1/28/92	Damani	424	426	11/17/89
	KH	5 1 1 4 7 1 8	5/19/92	Damani	424	422	9/20/90
✓	KI	5 1 2 2 3 6 7	6/17/92	Ron, et al.	424	80	3/31/89
	KJ	5 1 8 8 8 3 7	2/23/93	Domb	424	450	10/3/91
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	KK						
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	KM						
	KN						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
7 7 F	KO	Lin, Shan-Yang, et al., "Insulin Controlled-release Microcapsules to Prolong the Hypoglycemic Effect in Diabetic Rats", <u>Biomat. Art. Cells, Art. Org.</u> , Vol. 16, No. 4, pages 815-828 (1988)					
	KP	Lin, Shan-Yang, et al., "Microencapsulation and controlled release of insulin from polylactic acid microcapsules", <u>Biomat. Med. Dev., Art. Org.</u> , Vol. 13, Nos. 3&4, pages 187-201 (1985-86)					
	KQ	Mathiowitz, E., et al., "Polyanhydride Microspheres as Drug Carriers. II. Microencapsulation by Solvent Removal", <u>Journal of Applied Polymer Science</u> , Vol. 35, pages 755-774 (1988)					
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7	LA 5 1 9 8 2 2 0	3/30/93	Damani	424	426	8/24/90
	LB 5 2 2 2 5 2 9	6/29/93	Zoltan	141	4	10/30/92
	LC 5 2 2 5 4 4 1	7/6/93	Vogel, et al.	514	557	6/18/87
	LD 5 2 3 6 3 5 5	8/17/93	Brizzolara, et al.	433	80	10/5/90
	LE 5 2 5 2 7 0 1	10/12/93	Jarrett, et al.	528	354	7/6/90
	LF 5 4 0 1 5 0 7	3/28/95	Lewis	424	426	11/9/92
	LG 5 7 0 0 4 8 5	12/23/97	Berde, et al.	424	501	05/01/95
	LH 5 9 4 2 2 4 1	08/24/99	Chasin, et al.	424	426	
	LI 5 9 2 2 3 4 0	07/13/99	Berde, et al.	424	426	09/16/96
	LJ 6 0 4 6 1 8 7	04/04/00	Berde, et al.	514	180	09/16/96
	LK 6 0 0 8 3 1 8	12/28/99	Zhao, et al.	528	398	06/17/98

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LL						
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LN						
LO						
LP						

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7	LR	Splenlehauser, G., et al., "In vitro and in vivo degradation of poly(D,L lactide/glycolide) type microspheres made by solvent evaporation method", Biomaterials, Vol. 10, pages 557-563 (October 1989)
	LS	Thies, Curt, "Microcapsules as Drug Devices Systems", Crit. Rev. Biomed. Eng., Vol. 8, Issue 4, pages 335-383 (1982)
	LT	Windholz M., et al. The Merck Index, 10th Edition, page 37, Abstract # 225 (1983)

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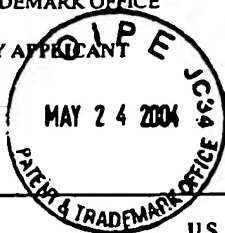
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	MA	6	1	5	3	2	1	2	11/28/00	Mao, et al.	424	426	10/02/98
	MB	5	9	5	2	4	5	1	09/14/99	Zhao	528	272	06/23/98
	MC	6	0	5	1	5	7	6	04/18/00	Ashton, et al.	514	255.06	01/29/97
	MD	6	1	0	3	2	5	5	08/15/00	Levene, et al.4	424	426	04/16/99
	ME	5	1	7	6	9	0	7	01/05/93	Leong	424	78.08	08/13/91
	MF	5	1	9	4	5	8	1	03/16/93	Leong	528	398	03/09/89

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	MH	Thomas R. Tice, et al. Biodegradation of Microcapsules and Biomedical Devices Prepared with Resorbable Polyesters, Southern Research Institute, University of Alabama. (pages 21-23) <i>no date</i>
	MI	William T. Buchanan, et al. Systemic Effects of epinephrine-impregnated retraction cord in fixed partial denture prosthodontics, JADA, Vol. 104, April 1982.
	MJ	David B. Masters, et al. Sustained Local Anesthetic Release from Biodegradable Polymer Matrices: A Potential Method for Prolonged Regional Anesthesia, Pharmaceutical Research, Vol. 10, No. 10, pp. 1527-32, 1993.
	MK	N.H. Shah, et al., A biodegradable injectable implant for delivering micro and macromolecules using poly (lactic-co-glycolic) acid (PLGA) copolymers, Journal of Controlled Release, 27 (1993) 139-147
	ML	D.L. Williams, Microencapsulated Local Anesthetics, Proc. Int Symp. Rel Bioact Mater, 11:69-070 (1984).
	MM	Journal of Dental Research, IADR Abstract Papers, Vol. 61, Papers 860 and 861, March 1982.
	MN	Richard L. Dunn, et al., Monolithic Fibers for Controlled Delivery of Tetracycline, Southern Research Institute (pp. 157-159) <i>no date</i>
	MO	Thomas R. Tice, Controlled Release of Ampicillin and Gentamicin from Biodegradable Microcapsules, Southern Research Institute. <i>no date</i>
	MP	Roland Bodmeier, et al., Polylactic microspheres containing quinidine base and quinidine sulphate prepared by the solvent evaporation method. III. Morphology of the microspheres during dissolution studies, J. Microencapsulation, Vol. 5, No. 4, pp. 323-330, 1988.
	MQ	Marshall Devor, et al., Corticosteroids Suppress Ectopic Neural Discharge Originating in Experimental Neuromas, Pain, 22 pp. 127-137, (1985).
	MR	G. McCleane, M.D., et al., The addition of triamcinolone acetonide to bupivacaine has no effect on the quality of analgesia produced by ilioinguinal nerve block, Anaesthesia, Vol. 49, pp. 819-820, 1994.
	MS	Naoki Wakiyama, et al., Influence of physicochemical properties of polylactic acid on the characteristics and in vitro release patterns of polylactic acid microspheres containing local anesthetics, Chem. Pharm. Bull, 30 (7), pp. 2621-2628, 1982.
	MT	Duncan H. Haynes, Ph.D., et al., Ultra-long-duration Local Anesthesia Produced by Injection Lecithin-coated Methoxyflurane Microdroplets, Anesthesiology, 63:490-499, 1985.

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✓	NA	6	5	1	4	5	1	6	02/04/03	Chasin, et al.	424	426	06/29/99
✓	NB	6	5	2	1	2	5	9	02/18/03	Chasin, et al.	424	489	03/10/00
✓	NC	6	5	2	4	6	0	7	02/25/03	Goldenheim, et al.	424	426	03/10/00
✓	ND	6	4	5	1	3	3	5	09/17/02	Goldenheim, et al.	424	426	07/02/98
✓	NE	6	4	2	6	3	3	9	07/30/02	Berde, et al.	514	180	04/03/00
✓	NF	6	2	3	8	7	0	2	05/29/01	Berde, et al.	424	489	07/12/99
✓	NG	6	2	1	4	3	8	7	04/10/01	Berde, et al.	424	501	09/17/97
✓	NH	5	0	6	1	4	9	2	10/29/91	Okada, et al.	424	423	
✓	NI	6	2	4	8	3	4	5	06/19/01	Goldenheim, et al.	424	426	
✓	NJ	5	2	4	4	6	7	8	09/14/93	Legros, et al.	424	450	
	NK												

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	NQ	Schneider, Markus, M.D., et al., "A Preferential Inhibition of Impulses in C-fibers of the Rabbit Vagus Nerve by Veratridine, an Activator of Sodium Channels", <i>Anesthesiology</i> , 74:270-280 (1991)
✓	NR	Tice, Thomas R., et al., "Preparation of Injectable Controlled-Release Microcapsules by a Solvent-Evaporation Process", <i>Journal of Controlled Release</i> , 2:343-352 (1985)
✓	NS	Nakano et al., "Biodegradable microspheres for prolonged anesthesia", <i>Microspheres and Drug Therapy: Pharmaceutical, Immunological and Medical Aspects</i> , pp. 327-335 (1984).
✓	NT	Kojima et al., "preparation and evaluation in vitro of polycarbonate microspheres containing local anesthetics," <i>Chem. Pharm. Bull.</i> 32(7)2795-2802 (1984).
✓	NU	Physician's Desk Reference, "Marcaine", 51st Edition, pp. 2446-2449 (1997).
	NV	
	NW	


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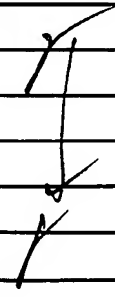
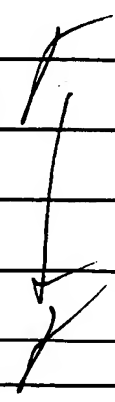

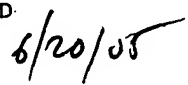
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	OA	4 3 3 1 7 2 8	05/25/82	Theeuwes, et al.	428	215						
	OB	5 2 9 2 5 1 2	03/08/94	Schaefer, et al.	424	401						
	OC	6 2 1 7 9 1 1	04/17/01	Vaughn, et al.	424	501						
	OD	6 1 9 7 3 2 6	03/06/01	Suzuki, et al.	424	426						
	OE	6 1 6 2 4 6 2	12/19/00	Bolotin, et al.	424	450						
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	OM	Estebe, et al., "Prolongation of spinal anesthesia with bupivacaine-loaded (DL-Lactide) microspheres", Anesth. Analg. Vol. 81(1) July 1995, pp. 99-103										
	ON	Le Corre, et al., "In vitro controlled release kinetics of local anesthetics from poly (D,L-lactide) and poly(lactide-co-glycolide) microspheres", J. Microencapsulation, vol. 14, no. 2, pp. 243-55 (1997).										
	OO	Abstract: Bernardo, M.V., et al., "In vitro-controlled release of bupivacaine from albumin microspheres and a co-matrix formed by microspheres in a poly(lactide-co-glycolide) film", J. Microencapsulation, Nov.-Dec. 2000, vol. 17, pp. 721-731.										
	OP	Holte, Kathrin, et al., Dexamthasone prolongs analgesia of subcutaneous bupivacaine microspheres in human volunteers, 8 th European Congress on Pain Research, Rome, Sept. 20-23, 2000.										
	OQ	Castillo, et al., "Glucocorticoids prolong rat sciatic nerve blockade in vivo from bupivacaine microspheres," Anesthesiology, 85:1157-66 (1996).										
	OR											
	OS											
EXAMINER				DATE CONSIDERED								
												


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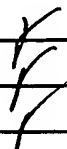
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
✓	PM	Apruzzese, William A., et al., "Bupivacaine Release from Biopolymeric Depots for the Alleviation of Postoperative Pain," <u>Biomaterials Engineering and Devices: Human Applications</u> , Vol. 1, pp. 295-306, (2000)
↓	PN	Abstract: Werner, et al., "Local Analgesia with Bupivacaine/Dexamethasone Microspheres- Dose Response after Subcutaneous Infiltration in Healthy Volunteers," Abstracts of Scientific Papers, 2001 Annual Meeting, Amer. Soc. Anesthesiologists, 95: A935 (Oct. 2001)
↓	PO	Abstract: Kopacz, et al., "Local Analgesic Dose-Response with Bupivacaine/Dexamethasone Polymer Microcapsules - Intercostal Nerve Blockade," Abstracts of Scientific Papers, 2001 Annual Meeting, Amer. Soc. Anesthesiologists, 95: A966 (Oct. 2001)
7	PP	Maniar, et al., "In-Vitro and In-vivo Evaluation of a Sustained Release Local Anesthetic Formulation," Pharm Res., 8:10 (1991)
	PQ	Abstract of JP 8143449 <i>no date</i>
	PR	
	PS	




EXAMINER 	DATE CONSIDERED <i>6/20/05</i>
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FORM PTO-1449 (REV. 7-80)		 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 207.1300US		SERIAL NO.: 10/057,301	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): Mark CHASIN, et al.			
				FILING DATE: January 25, 2002		GROUP: 1617	

U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	QA	6	5	3	4	0	8	1	03/18/03	Goldenheim, et al.	424	426	
	QB	6	6	9	9	9	0	8	03/02/04	Sackler, et al.	514	563	
	QC	6	2	4	8	3	4	5	06/19/01	Goldenheim, et al.	424	426	

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	QH														
	QI														
	QJ														
	QK														
	QL														

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	QM	Abstract: Evora, et al., "In Vivo-in Vitro Study of Biodegradable Methadone Delivery Systems," <u>Biomaterials</u> , 22:6, pp. 563-570 (March 2001)
	QN	Abstract: Yen, et al., "Controlled Release of Nalbuphine Propionate from Biodegradable Microspheres: in Vitro and in Vivo Studies," <u>Int J Pharm</u> , 220:1-2, pp. 91-9 (Jun 2001)
	QO	Press Release: "Guilford Pharmaceuticals Announces New Development Programme for Biopolymer Formulation of Lidocaine," USA, 03-21-2000.
	QP	
	QQ	
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	QU	
	QV	

EXAMINER 	DATE CONSIDERED 6/20/05
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